

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082825AL\
 Data File : FF016264.D
 Signal(s) : FID2B.ch
 Acq On : 28 Aug 2025 15:27
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Aug 29 03:22:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 29 03:19:37 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.980	2869348	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.419	2222782	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.335	2318851	20.000 ug/ml
2) T n-Decane (C10)	4.596	2356788	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.305	2598020	20.000 ug/ml
4) T n-Dodecane (C12)	6.772	2383688	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.405	2530683	20.000 ug/ml
6) T n-Tetradecane (C14)	8.606	2389512	20.000 ug/ml
7) T n-Hexadecane (C16)	10.215	2478275	20.000 ug/ml
8) T n-Octadecane (C18)	11.662	2579721	20.000 ug/ml
10) T n-Eicosane (C20)	12.974	2547803	20.000 ug/ml
11) T n-Heneicosane (C21)	13.587	2529440	20.000 ug/ml
13) T n-Docosane (C22)	14.174	2533057	20.000 ug/ml
14) T n-Tetracosane (C24)	15.280	2553492	20.000 ug/ml
15) T n-Hexacosane (C26)	16.304	2498960	20.000 ug/ml
16) T n-Octacosane (C28)	17.256	2457404	20.000 ug/ml
17) T n-Tricontane (C30)	18.146	2504891	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.982	2425892	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.768	2197004	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.510	1879057	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.272	1681997	20.000 ug/ml
22) T n-Tetracontane (C40)	22.224	1568751	20.000 ug/ml

(f)=RT Delta > 1/2 Window

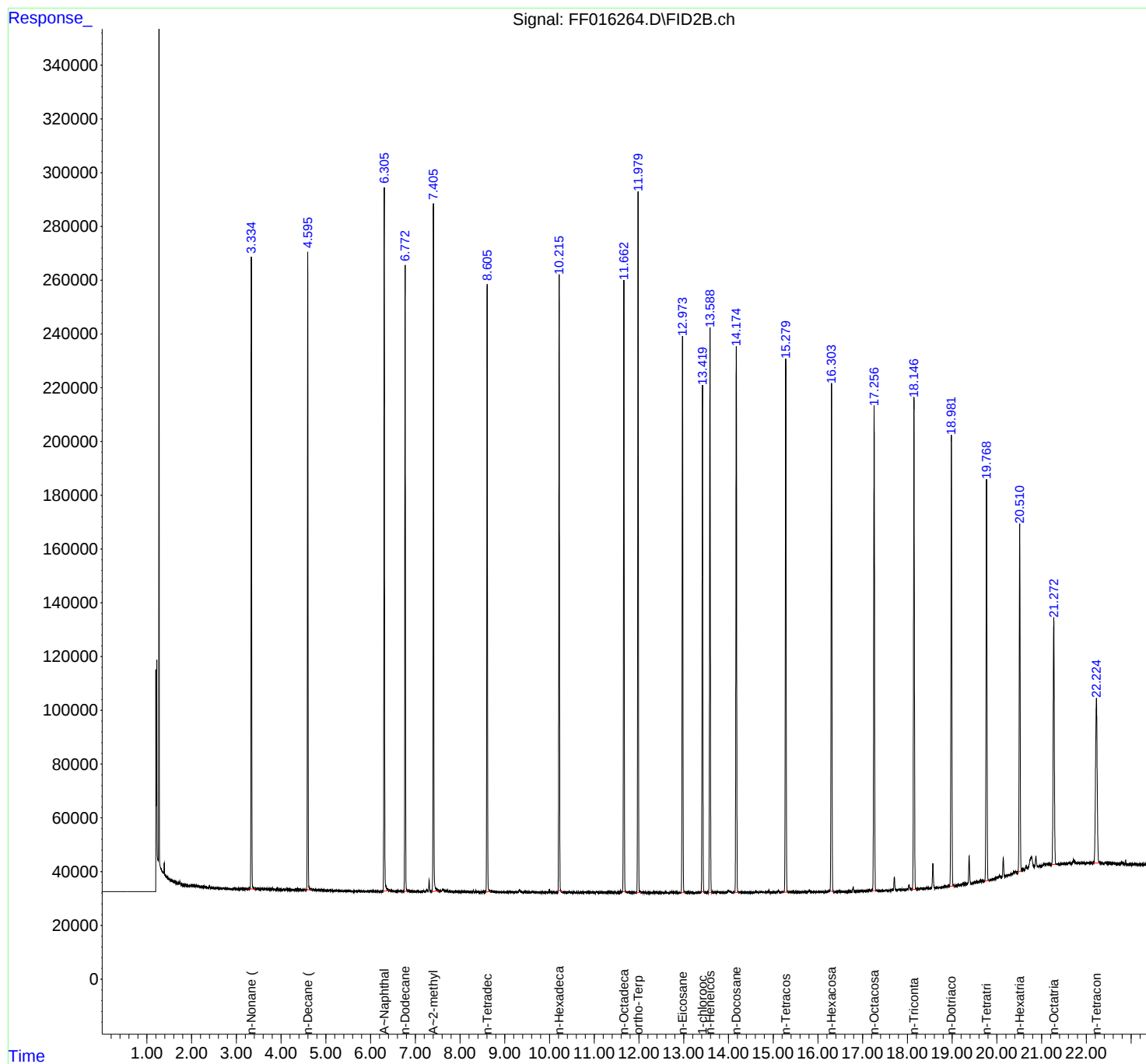
(m)=manual int.

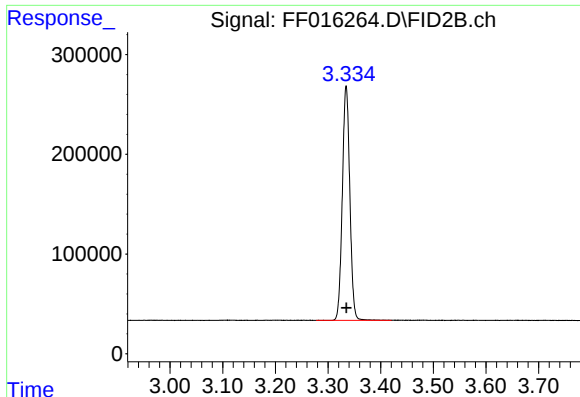
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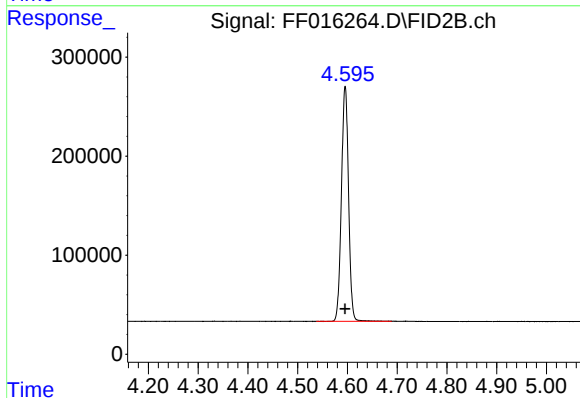




#1 n-Nonane (C9)

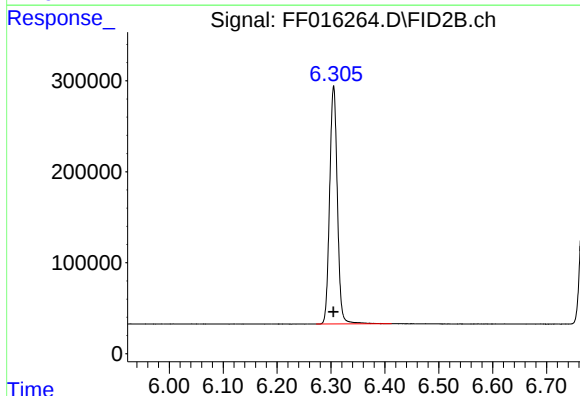
R.T.: 3.335 min
Delta R.T.: 0.000 min
Response: 2318851
Conc: 20.00 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD3



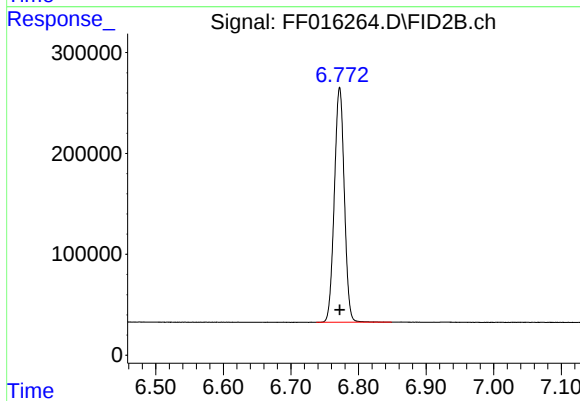
#2 n-Decane (C10)

R.T.: 4.596 min
Delta R.T.: 0.000 min
Response: 2356788
Conc: 20.00 ug/ml



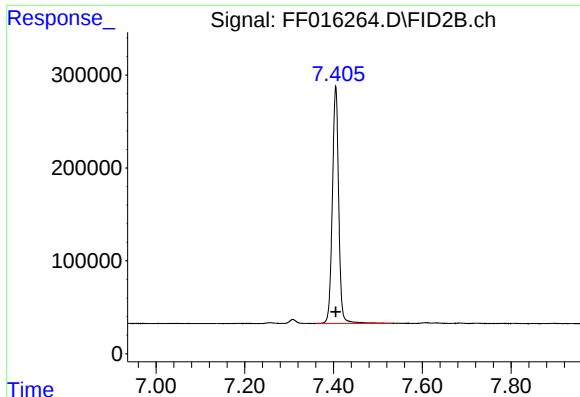
#3 A~Naphthalene (C11.7)

R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 2598020
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

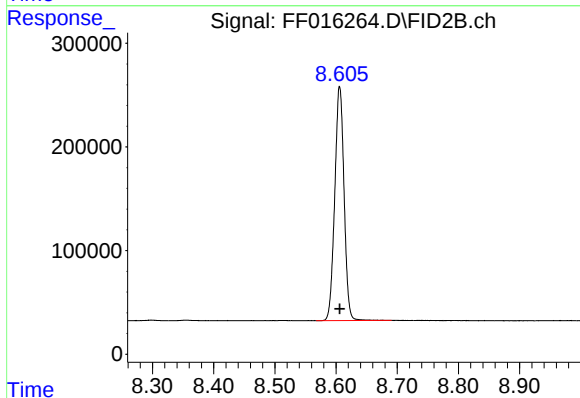
R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 2383688
Conc: 20.00 ug/ml



#5 A~2-methylnaphthalene (C12.89)

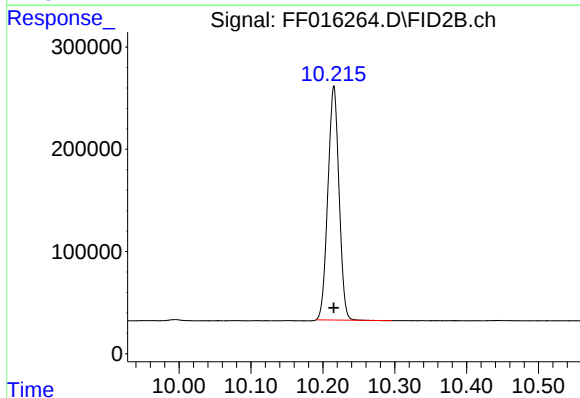
R.T.: 7.405 min
Delta R.T.: 0.000 min
Response: 2530683
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



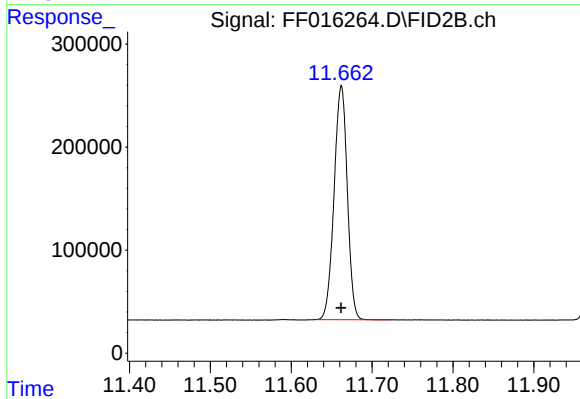
#6 n-Tetradecane (C14)

R.T.: 8.606 min
Delta R.T.: 0.000 min
Response: 2389512
Conc: 20.00 ug/ml



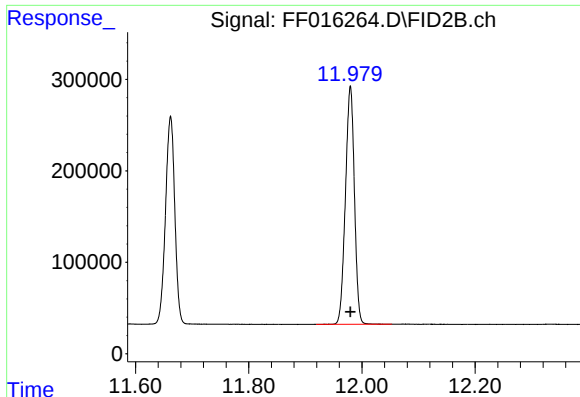
#7 n-Hexadecane (C16)

R.T.: 10.215 min
Delta R.T.: 0.000 min
Response: 2478275
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

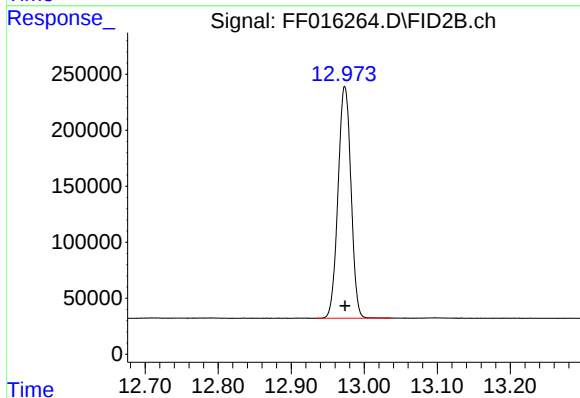
R.T.: 11.662 min
Delta R.T.: 0.000 min
Response: 2579721
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

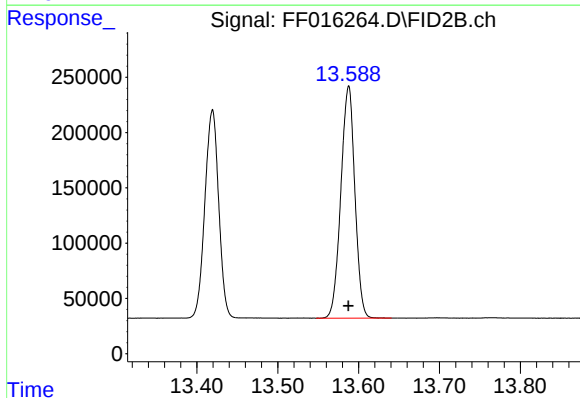
R.T.: 11.980 min
Delta R.T.: 0.000 min
Response: 2869348
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



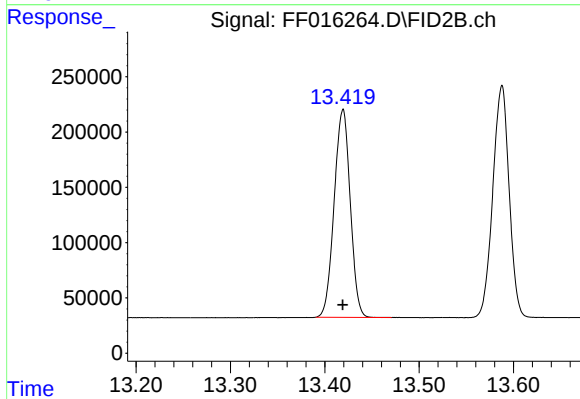
#10 n-Eicosane (C20)

R.T.: 12.974 min
Delta R.T.: 0.000 min
Response: 2547803
Conc: 20.00 ug/ml



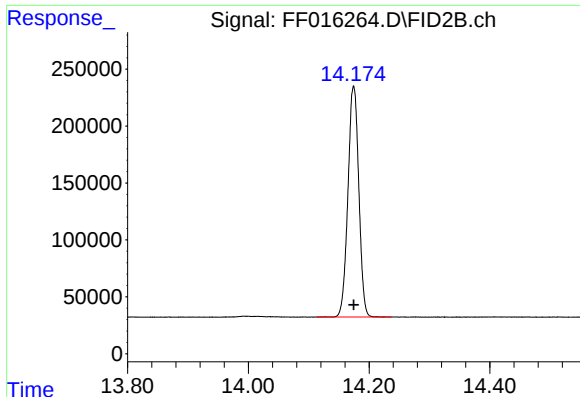
#11 n-Heneicosane (C21)

R.T.: 13.587 min
Delta R.T.: 0.000 min
Response: 2529440
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

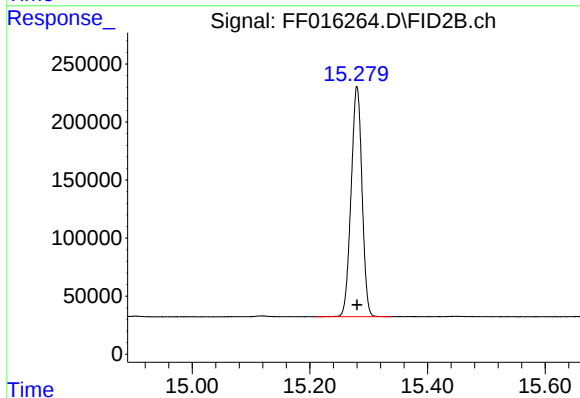
R.T.: 13.419 min
Delta R.T.: 0.000 min
Response: 2222782
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

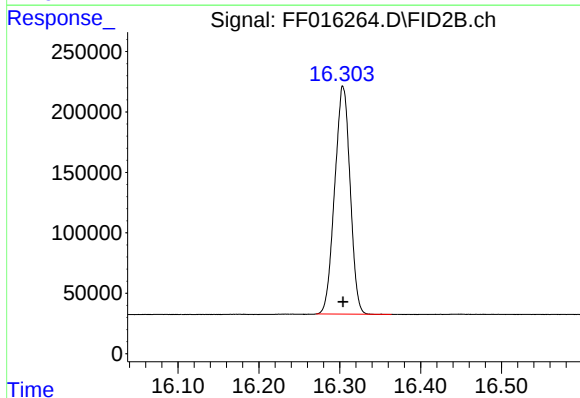
R.T.: 14.174 min
Delta R.T.: 0.000 min
Response: 2533057
Conc: 20.00 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD3



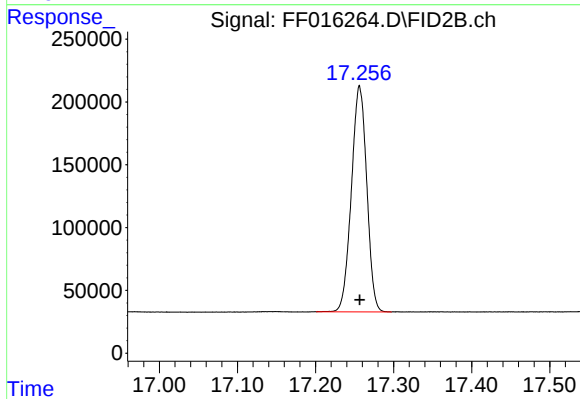
#14 n-Tetracosane (C24)

R.T.: 15.280 min
Delta R.T.: 0.000 min
Response: 2553492
Conc: 20.00 ug/ml



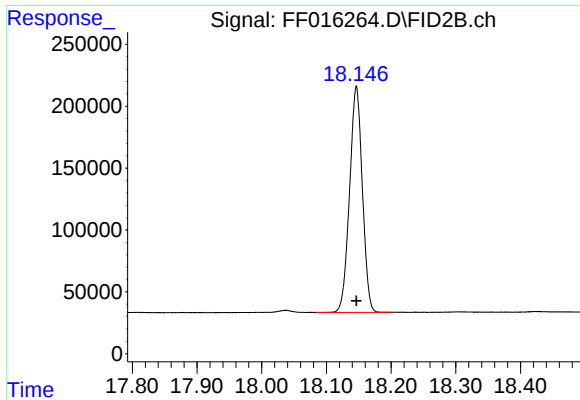
#15 n-Hexacosane (C26)

R.T.: 16.304 min
Delta R.T.: 0.000 min
Response: 2498960
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

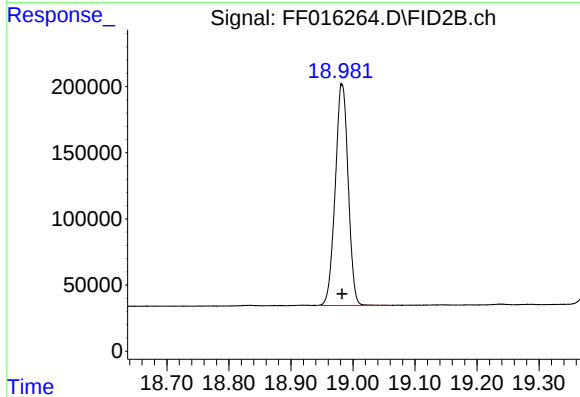
R.T.: 17.256 min
Delta R.T.: 0.000 min
Response: 2457404
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

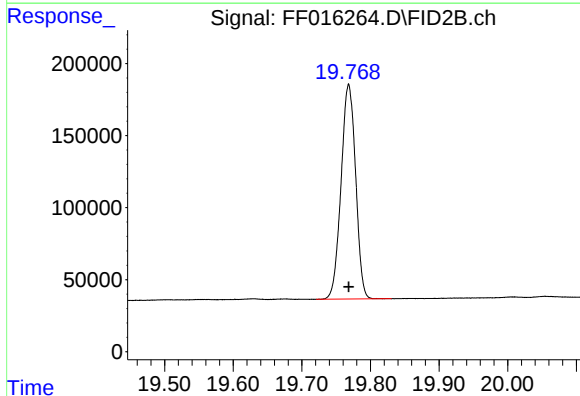
R.T.: 18.146 min
Delta R.T.: 0.000 min
Response: 2504891
Conc: 20.00 ug/ml

Instrument :
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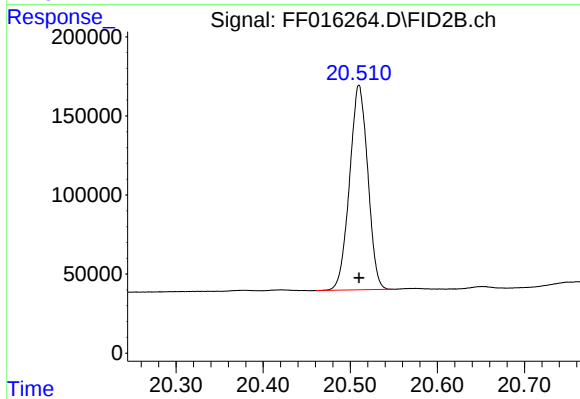
#18 n-Dotriacontane (C32)

R.T.: 18.982 min
Delta R.T.: 0.000 min
Response: 2425892
Conc: 20.00 ug/ml



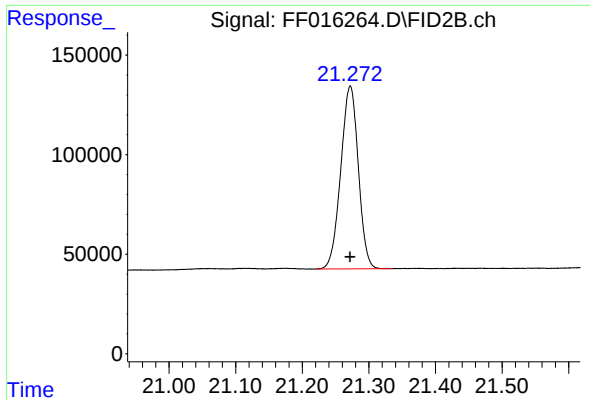
#19 n-Tetratriacontane (C34)

R.T.: 19.768 min
Delta R.T.: 0.000 min
Response: 2197004
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

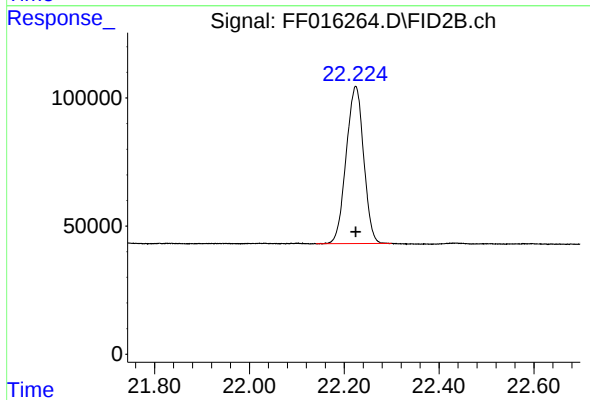
R.T.: 20.510 min
Delta R.T.: 0.000 min
Response: 1879057
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.272 min
Delta R.T.: 0.000 min
Response: 1681997
Conc: 20.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.224 min
Delta R.T.: 0.000 min
Response: 1568751
Conc: 20.00 ug/ml